

**SECRET**

**S E C R E T 301400Z SEP 80 STAFF**

**CITE FBIS/ABIDJAN 25589**

**TO: FBIS.**

**REF FBIS 11516**

SEP 30 10 41 AM '80

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**FOLLOWING ARE ABIDJAN BUREAU COMMENTS ON GRAF N. OF REF:**

IG VISIT TO ABIDJAN OCCURRED ONLY 2 MONTHS AFTER MOVE TO PERMANENT QUARTERS. SINCE THEN WE HAVE ADDED TWO LONGWIRES, ONE DIPOLE, ONE INVERTED V, ONE BBH-160 DIRECTIONAL ANTENNA AND A AVW2C WHIP ANTENNA TO THE BASIC ARRAY OF THREE DIPOLE ANTENNAS. AS RESULT OF THIS IMPROVED ANTENNA ARRAY AND CONTINUED BUREAU CRUISING EFFORTS FOLLOWING COUNTRIES HAVE BEEN ADDED TO BUREAU DAILY COVERAGE SINCE IG VISIT: MAURITANIA, CONGO, CENTRAL AFRICAN REPUBLIC AND CHAD. IN THE LATTER CASE TRANSMITTER HAS BEEN OFF THE AIR SINCE FIGHTING BROKE OUT IN NDJAMENA ON 21 MARCH 1980. IN ADDITION, COVERAGE OF SIERRA LEONE AND LIBERIA HAS BEEN SUBSTANTIALLY IMPROVED. ONLY WEST AND CENTRAL AFRICAN COUNTRY NOW OUT OF BUREAU REACH IS SENEGAL WHICH IS AUDIBLE ONLY DURING WINTER MONTHS. CURRENT AND PROJECTED EFFORTS TO IMPROVE RECEPTION CAPABILITIES INCLUDE:

1. INSTALLATION AND EXPERIMENTATION WITH HERMES LOOP ANTENNA NOW AT PARAGUAY BUREAU.
2. TWO-MAN CRUISING SURVEY SCHEDULED FOR FEBRUARY OR MARCH 1981.
3. CONTINUED NEGOTIATION WITH IVORY COAST GOVERNMENT REGARDING ACCESS TO PTT ANTENNA FIELD. INITIAL QUERIES WERE TURNED DOWN IN SPRING 1980 BUT MATTER STILL BEING PURSUED.
4. FY-1982 PROGRAM PLAN CALLS FOR ESTABLISHMENT OF TWO REMOTELY TUNED SYSTEMS, ONE IN SENEGAL AND ANOTHER POSSIBLY IN GABO WHICH WOULD IMPROVE OR ESTABLISH COVERAGE OF SENEGAL, NORTHERN AFRICA, CONGO, ZAIRE AND ANGOLA. RVW 30SEP80

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